

EXHIBIT

WEC Ex. 4
(DW-4)



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Superior Environmental Profile

Because Envirotemp® FR3™ fluid is derived from 100% edible seed oils and uses food grade additives, its environmental and health profile is unmatched by other dielectric coolants. Its biodegradation rate and completeness meet the U.S. Environmental Protection Agency (EPA) criteria for "Ultimate Biodegradability" classification. Standard acute aquatic toxicity and oral LD50 tests have proven the non-toxic qualities of Envirotemp FR3 fluid.

The environmental claims have been checked by the U.S. EPA. As a result, Envirotemp FR3 fluid received the first published EPA Environmental Technology Verification of transformer materials. Because of these important verified characteristics, alternative spill response procedures, such as natural bioremediation, are now more viable.

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Enhanced Transformer Insulation Life

Envirotemp® FR3™ fluid extends insulation life by a factor of as much as 5-8 times because it has the unique ability to draw out retained moisture and absorb water driven off by aging paper. It also helps prevent paper molecules from severing when exposed to heat. These properties can result in an increase of overloadability and/or longer transformer insulation life, resulting in both lower life cycle cost and delayed asset replacement. To view the Insulating Paper Aging Comparison, [click here](#).

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Enhanced Transformer Performance

Envirotemp® FR3™ fluid offers a lower operating viscosity than silicone and high molecular weight hydrocarbons at operating temperatures, and its cooling performance is superior to other less-flammable fluids. Because it is fully miscible with conventional transformer oil, it is ideal for retrofitting transformers. Envirotemp FR3 fluid increases the life of a transformer and reliability by reducing the insulation paper aging rate and essentially eliminating reported problems relative to mineral oil.

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Enhanced Fire Safety

Utility and industrial customers are making the switch from mineral oil to Envirotemp® FR3™ fluid. FR3 fluid is a soy-based, fire-resistant fluid and is PCB-free. It is a popular choice for upgrading fire safety and extending transformer life in retrofilled transformers. More than 12,000 new and retrofilled transformers are in service today.

Revolutionary New Breakthrough

Fire. Failure. Environmental catastrophe. Since you're in power delivery, you know what makes headlines, escalates costs, and breaks customer trust. But now there's a remarkable new asset protection product that will help you achieve higher levels of public and workforce safety, performance, and reliability, while keeping costs and liability down. For new applications click [here](#). For retrofit applications click [here](#).

Enhanced Transformer Safety

Dielectric coolants with fire points of 300°C or higher can qualify as a Less-Flammable Liquid per the National Electrical Code® (NEC)®. Envirotemp FR3 fluid's fire point is 360°C, providing even greater fire safety. Envirotemp FR3 fluid is Factory Mutual Global Approved and UL® Classified as a Less-Flammable fluid, making compliance with code and insurance requirements easier.

You can prevent transformer fires like the one shown in this transformer fire video. Envirotemp FR3 fluid has the highest ignition resistance of less-flammable fluids currently available. Classified by Underwriters Laboratories Inc.® and approved by Factory Mutual Global, Envirotemp FR3 fluid provides an added margin of safety for indoor and outdoor applications.

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